

Case No. : <u>GTS20251203023-1-04</u>
Ambient Condition: <u>21</u> °C, <u>52</u> %RH
According Standard: ■Part15E
Test Date: <u>2026.1.22-2026.3.12</u> Test Engineer: <u>Evan ouyang</u>

Appendix D.1: Emission Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.800	5167.520	5192.320	---	---
		5200	24.880	5187.600	5212.480	---	---
		5240	24.920	5227.520	5252.440	---	---
11N20SISO	Ant1	5180	25.760	5167.080	5192.840	---	---
		5200	26.080	5186.880	5212.960	---	---
		5240	25.480	5227.120	5252.600	---	---
11N40SISO	Ant1	5190	47.120	5166.480	5213.600	---	---
		5230	47.680	5206.240	5253.920	---	---
11AC20SISO	Ant1	5180	26.000	5167.000	5193.000	---	---
		5200	26.240	5187.040	5213.280	---	---
		5240	25.720	5227.240	5252.960	---	---
11AC40SISO	Ant1	5190	48.320	5166.560	5214.880	---	---
		5230	48.560	5206.560	5255.120	---	---
11AX20SISO	Ant1	5180	25.240	5167.400	5192.640	---	---
		5200	25.320	5187.280	5212.600	---	---
		5240	24.800	5227.640	5252.440	---	---
11AX40SISO	Ant1	5190	44.640	5168.400	5213.040	---	---
		5230	45.680	5206.640	5252.320	---	---

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



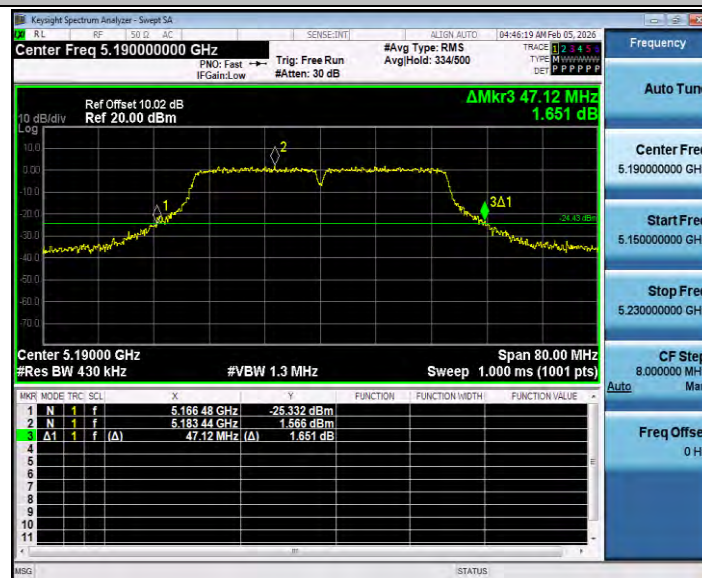
11N20SISO_Ant1_5200



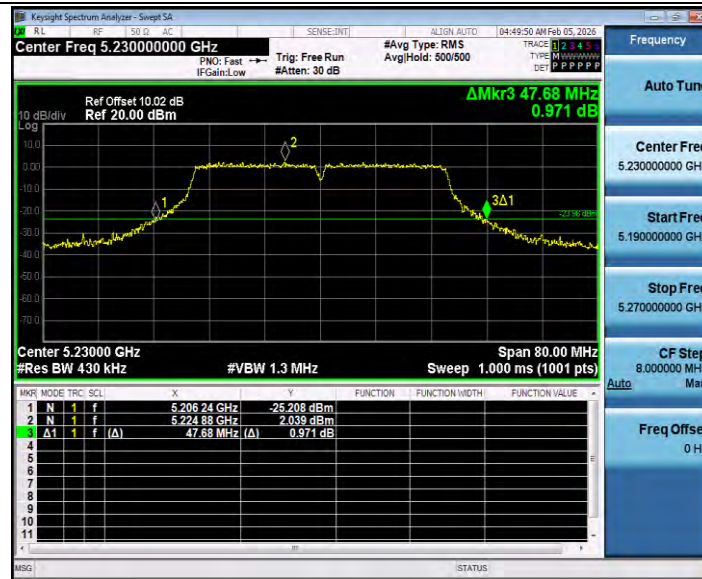
11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200





11AX20SISO_Ant1_5180



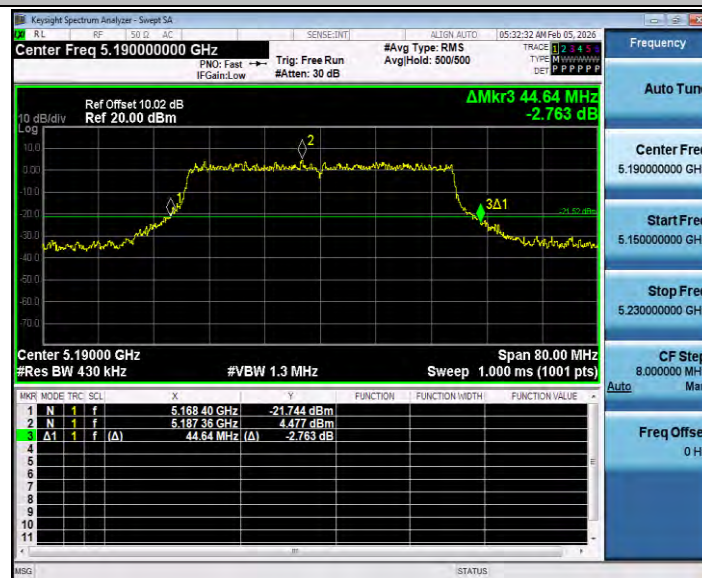
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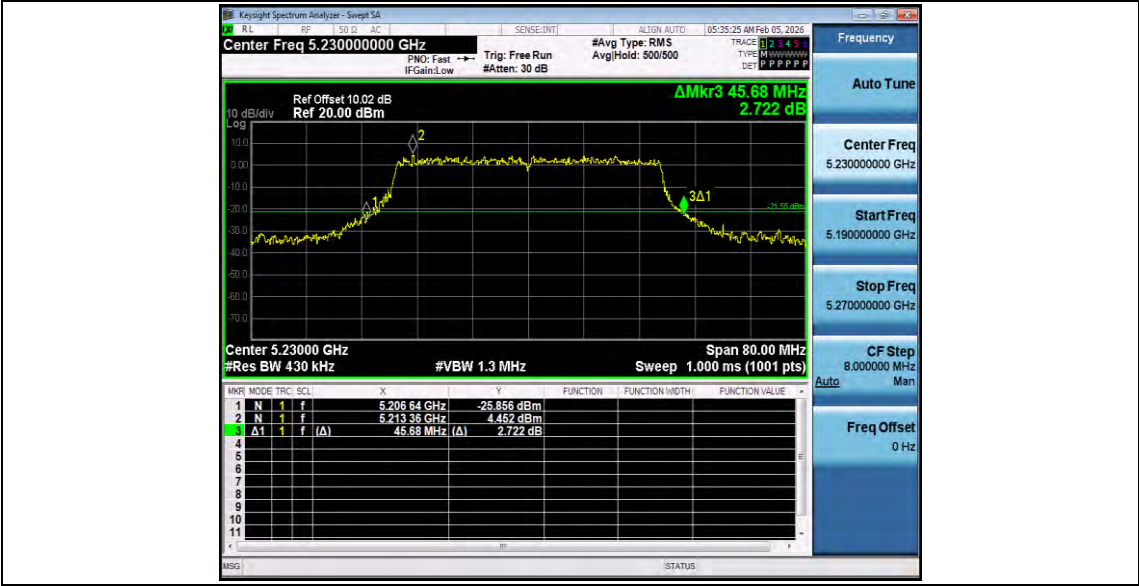
11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230



Appendix D.2: Occupied channel bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.054	5170.8647	5188.9187	---	---
		5200	18.033	5190.9436	5208.9766	---	---
		5240	18.049	5230.8122	5248.8612	---	---
11N20SISO	Ant1	5180	19.106	5170.5039	5189.6099	---	---
		5200	19.251	5190.4861	5209.7371	---	---
		5240	19.241	5230.3492	5249.5902	---	---
11N40SISO	Ant1	5190	37.517	5171.3024	5208.8194	---	---
		5230	37.508	5211.2239	5248.7319	---	---
11AC20SISO	Ant1	5180	19.118	5170.5241	5189.6421	---	---
		5200	19.071	5190.5097	5209.5807	---	---
		5240	19.134	5230.4430	5249.5770	---	---
11AC40SISO	Ant1	5190	37.664	5171.2834	5208.9474	---	---
		5230	37.578	5211.2571	5248.8351	---	---
11AX20SISO	Ant1	5180	19.670	5170.1318	5189.8018	---	---
		5200	19.656	5190.1551	5209.8111	---	---
		5240	19.699	5230.1643	5249.8633	---	---
11AX40SISO	Ant1	5190	38.491	5170.8306	5209.3216	---	---
		5230	38.457	5210.8143	5249.2713	---	---

Test Graphs

11A_Ant1_5180



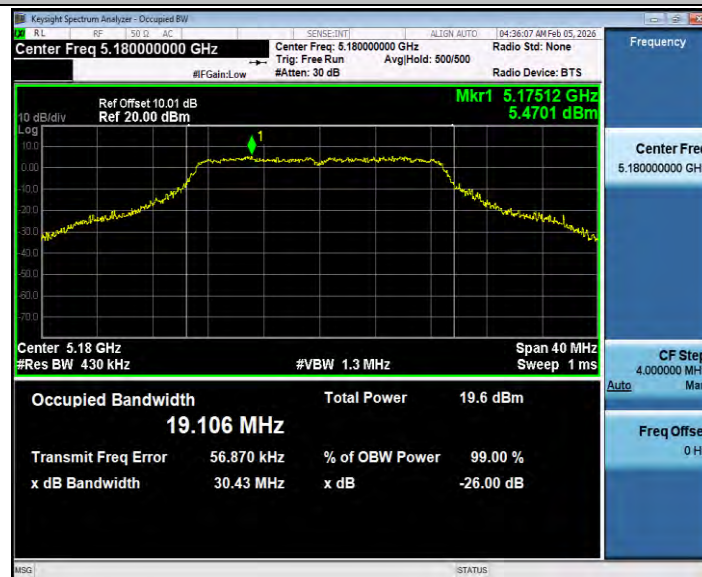
11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



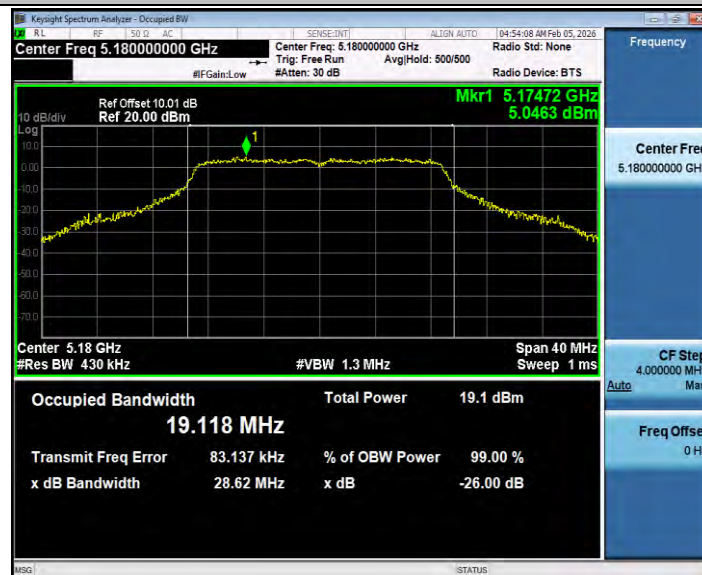
11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



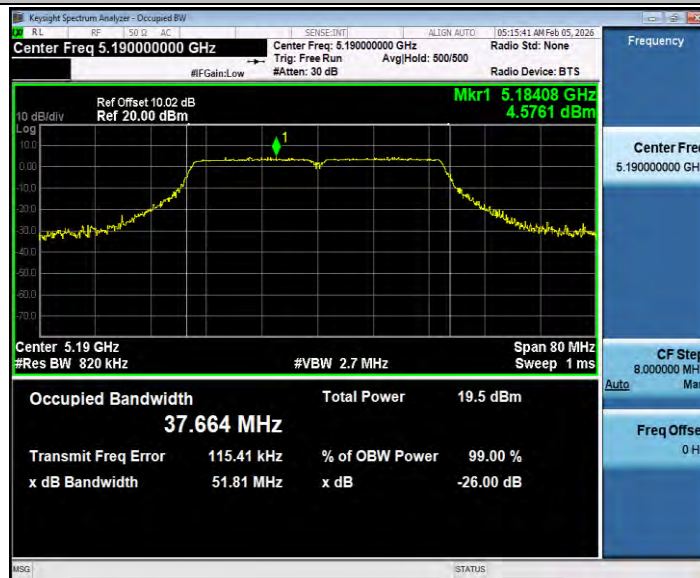
11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



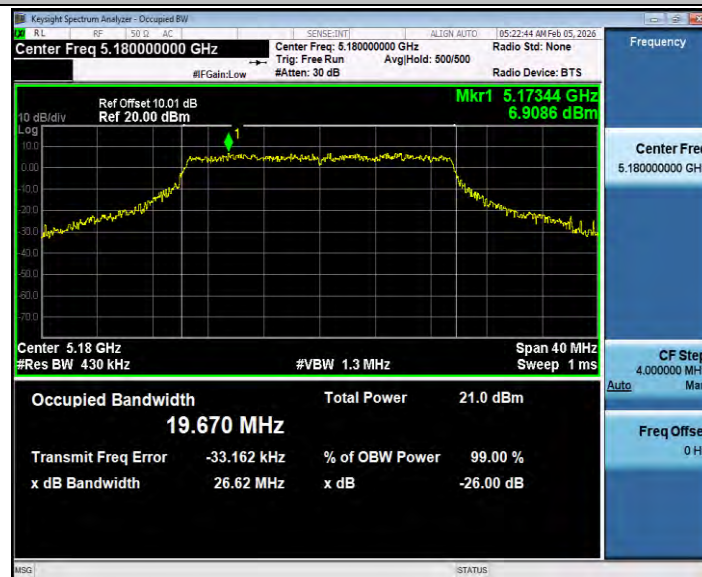
11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



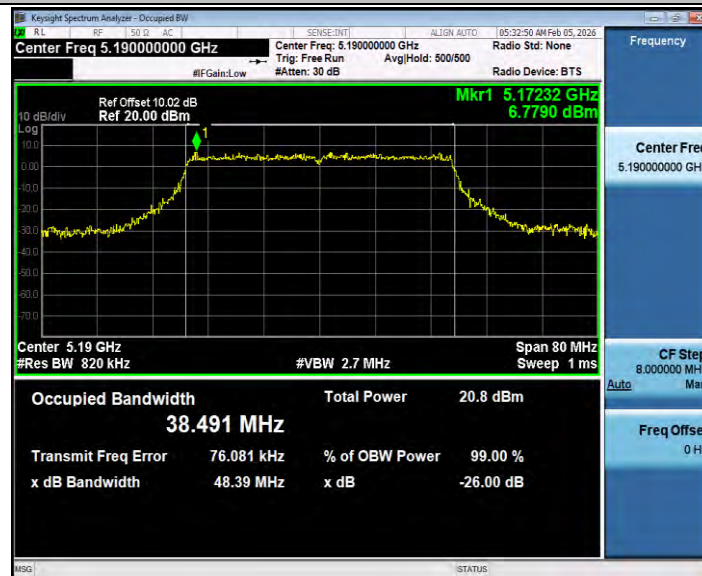
11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

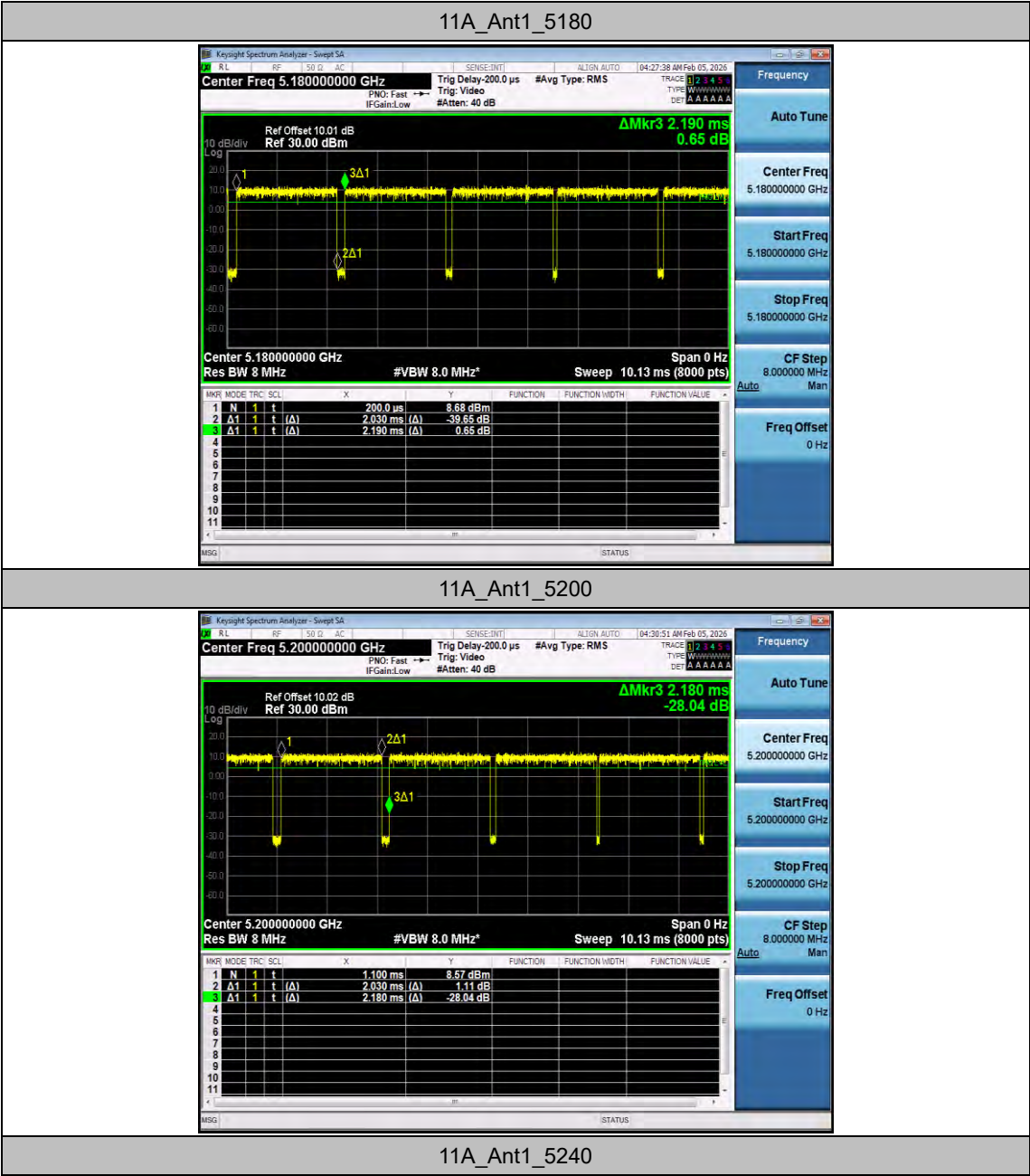


AppendixD.3: Duty Cycle

Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11A	Ant1	5180	2.03	2.19	92.69	0.33	0.49
		5200	2.03	2.18	93.12	0.31	0.49
		5240	2.03	2.19	92.69	0.33	0.49
11N20SISO	Ant1	5180	1.89	2.07	91.30	0.40	0.53
		5200	1.89	2.07	91.30	0.40	0.53
		5240	1.89	2.04	92.65	0.33	0.53
11N40SISO	Ant1	5190	0.93	1.11	83.78	0.77	1.08
		5230	0.94	1.11	84.68	0.72	1.06
11AC20SISO	Ant1	5180	1.90	2.03	93.60	0.29	0.53
		5200	1.90	2.05	92.68	0.33	0.53
		5240	1.90	2.04	93.14	0.31	0.53
11AC40SISO	Ant1	5190	0.93	1.11	83.78	0.77	1.08
		5230	0.93	1.11	83.78	0.77	1.08
11AX20SISO	Ant1	5180	1.46	1.62	90.12	0.45	0.68
		5200	1.46	1.58	92.41	0.34	0.68
		5240	1.46	1.61	90.68	0.42	0.68
11AX40SISO	Ant1	5190	0.74	0.87	85.06	0.70	1.35
		5230	0.75	0.87	86.21	0.64	1.33

Test Graphs



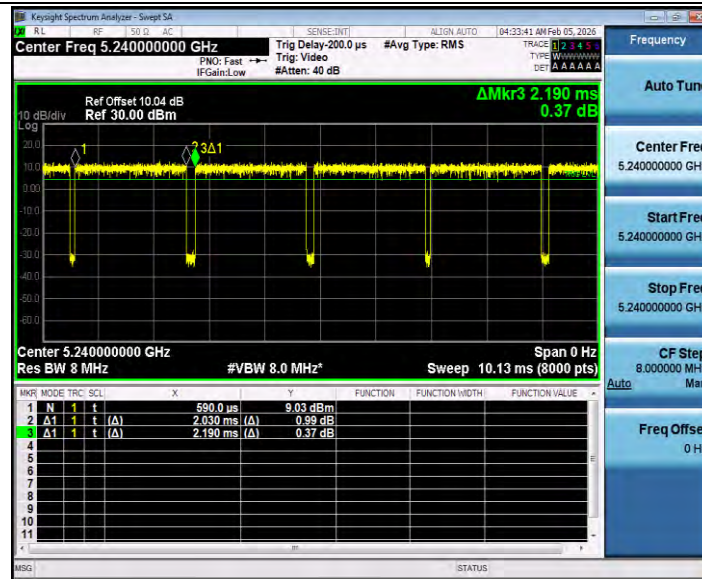
11A_Ant1_5200

Frequency

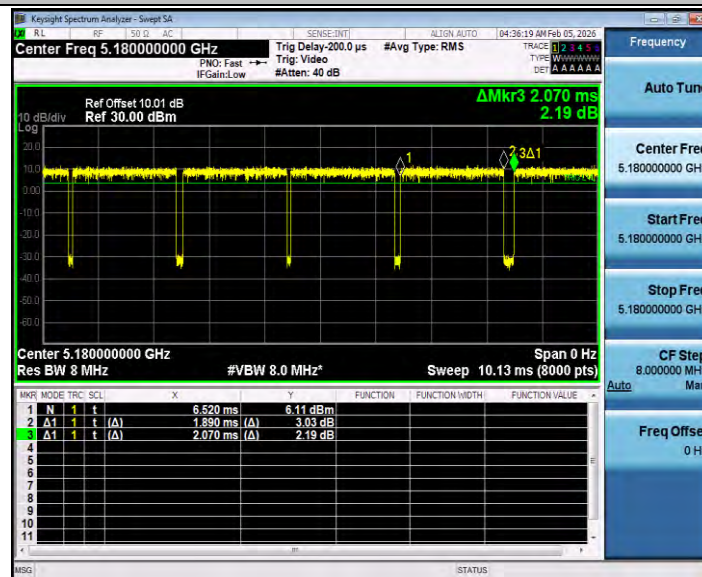
Auto Tune

Center Freq
5.200000000 GHzStart Freq
5.200000000 GHzStop Freq
5.200000000 GHzCF Step
8.0000000 MHzFreq Offset
0 Hz

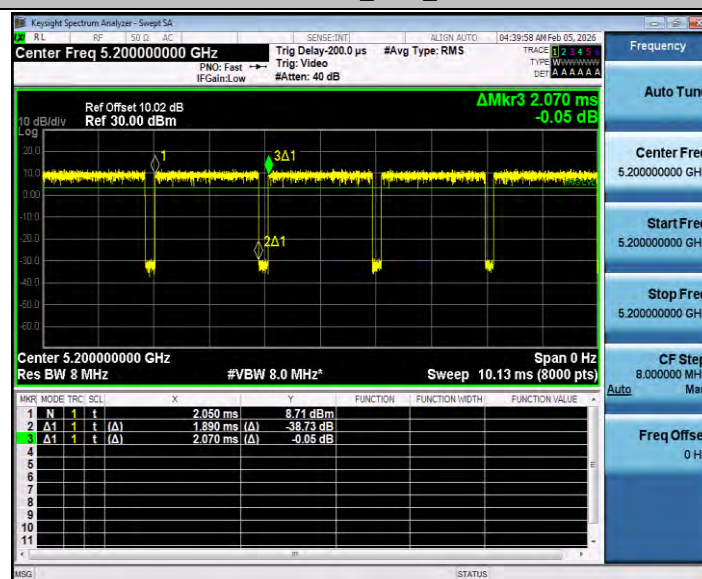
11A_Ant1_5240

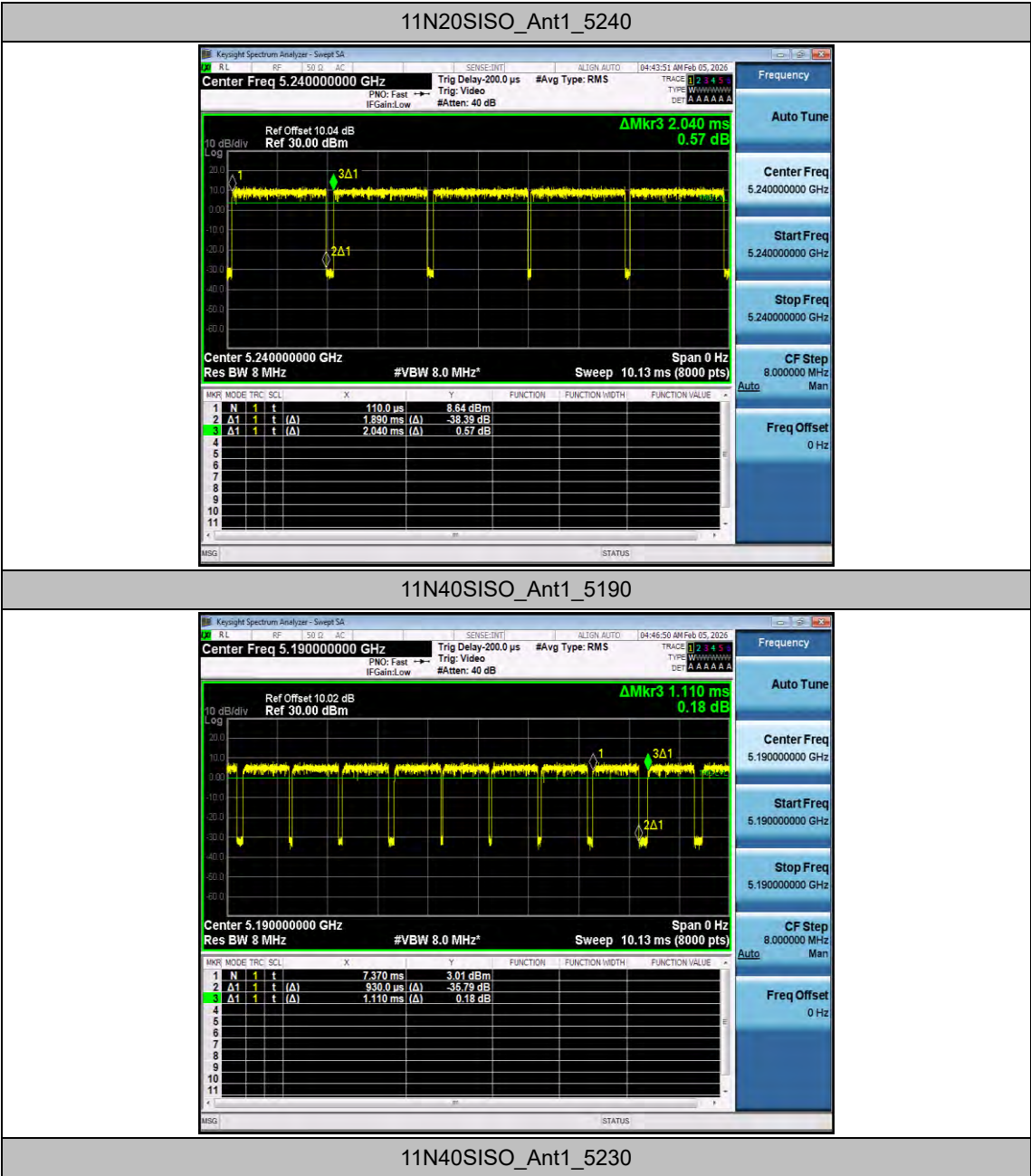


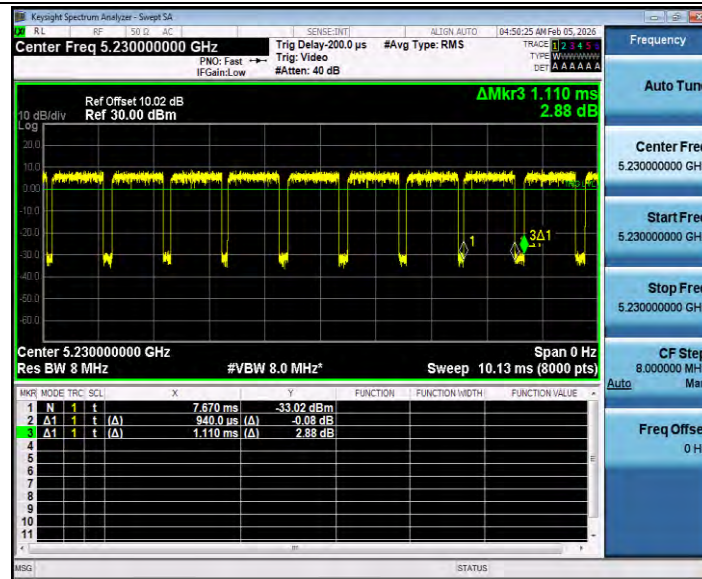
11N20SISO_Ant1_5180



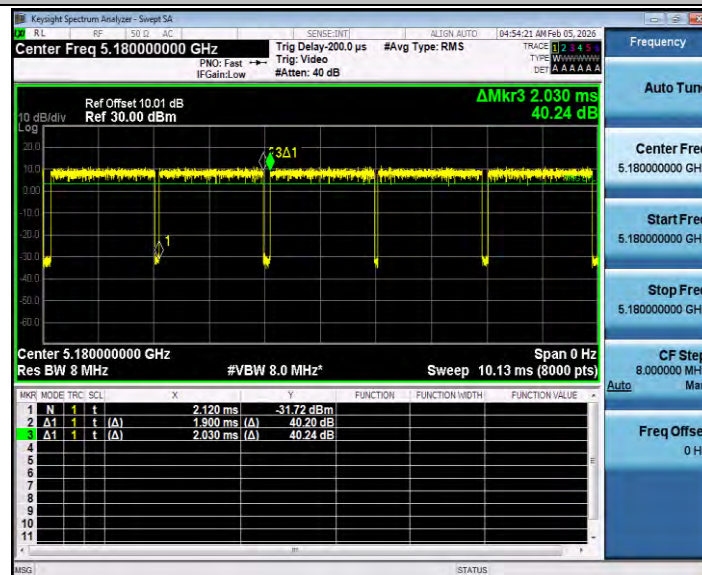
11N20SISO_Ant1_5200



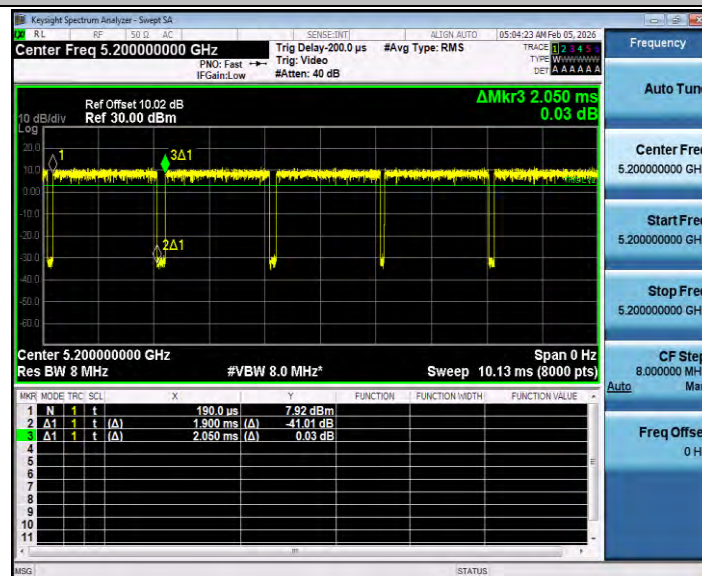




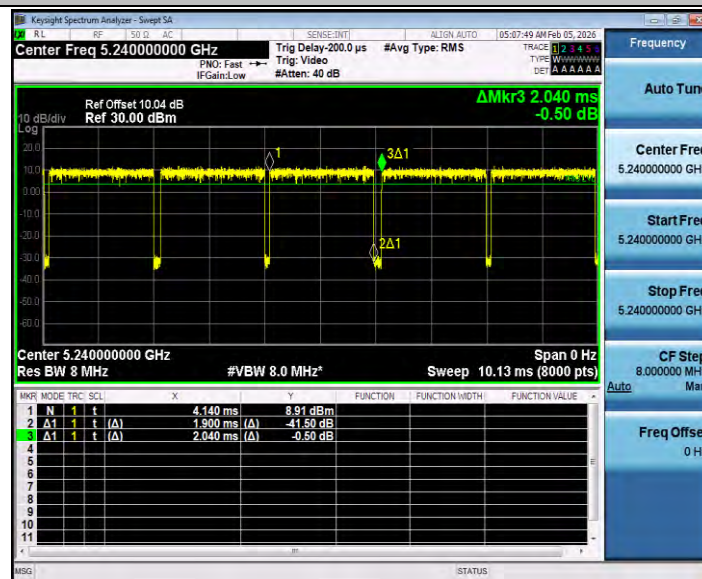
11AC20SISO_Ant1_5180



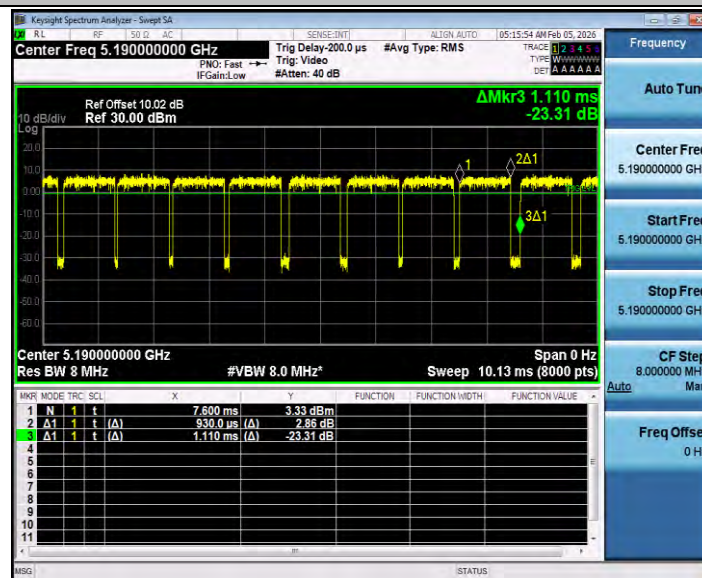
11AC20SISO_Ant1_5200



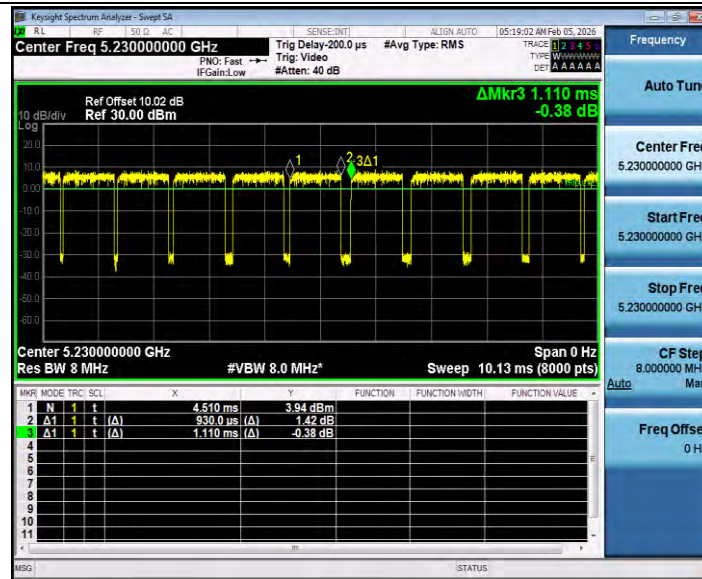
11AC20SISO_Ant1_5240



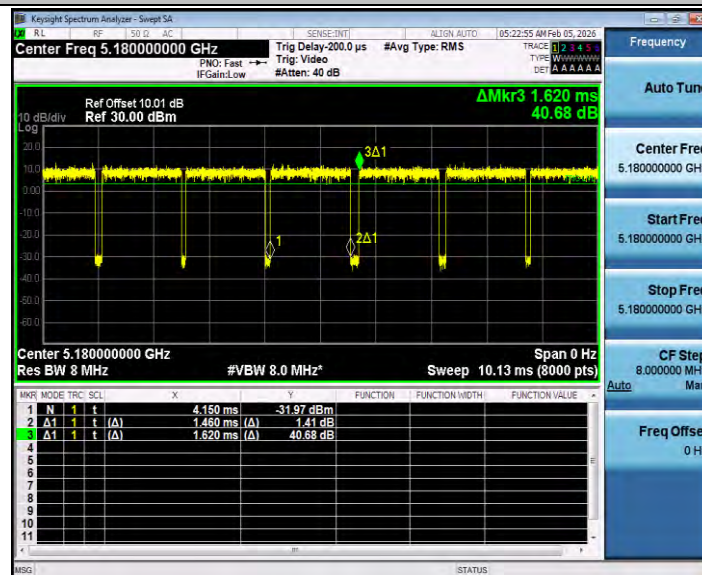
11AC40SISO_Ant1_5190



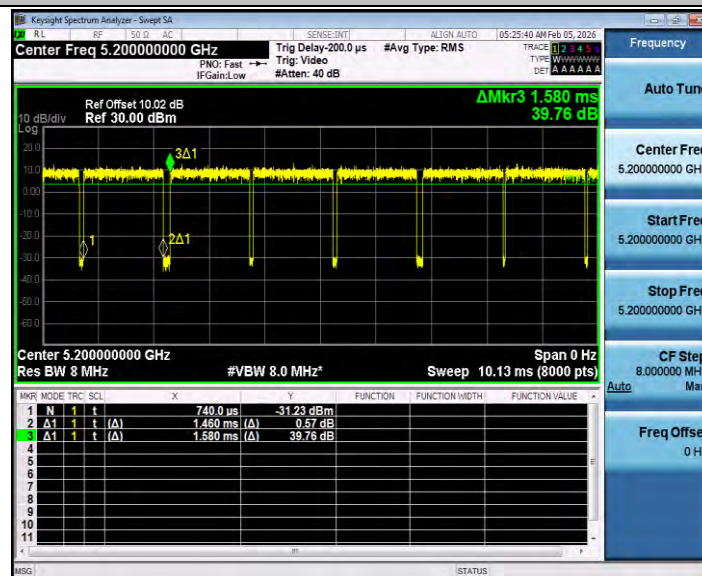
11AC40SISO_Ant1_5230

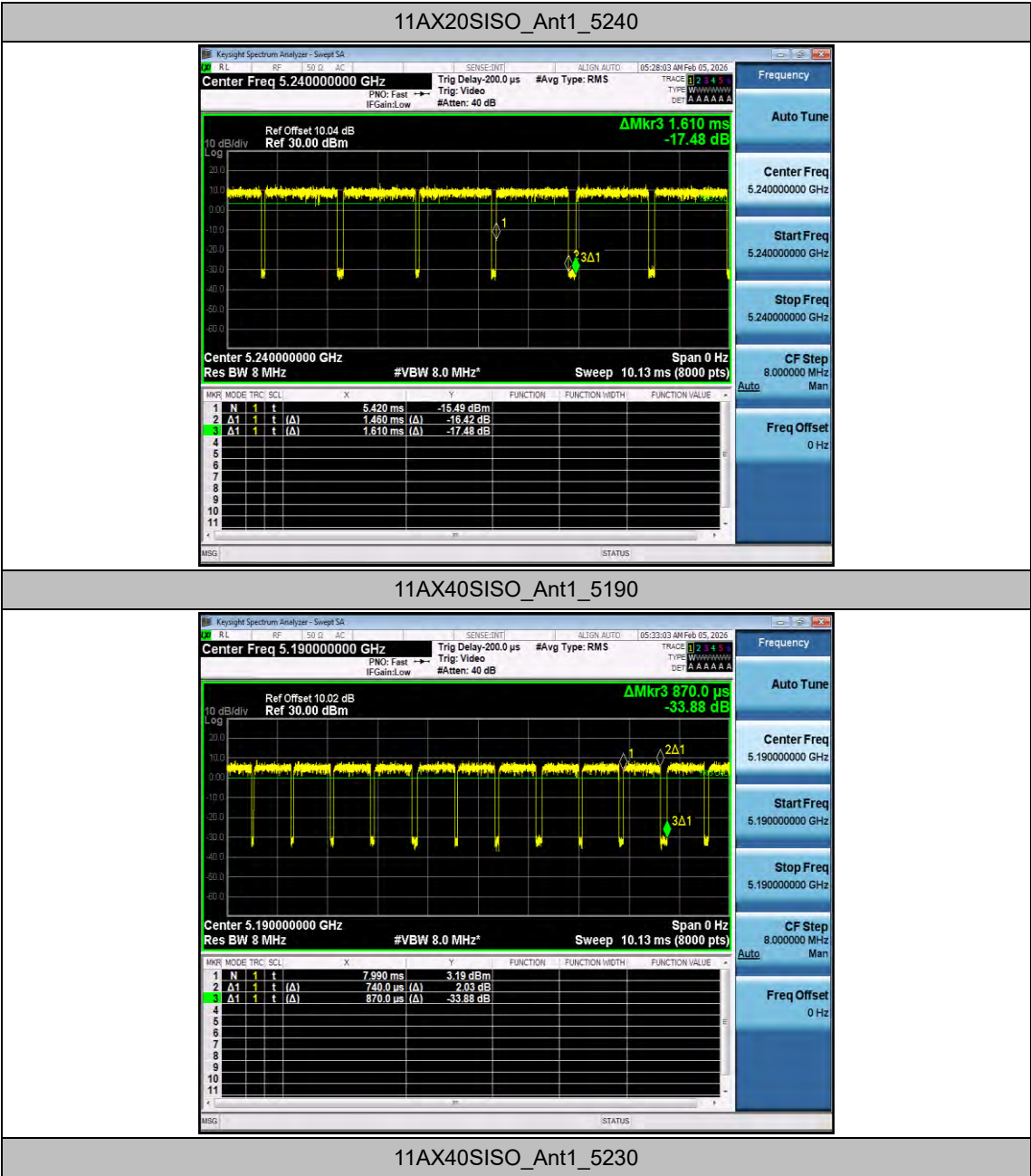


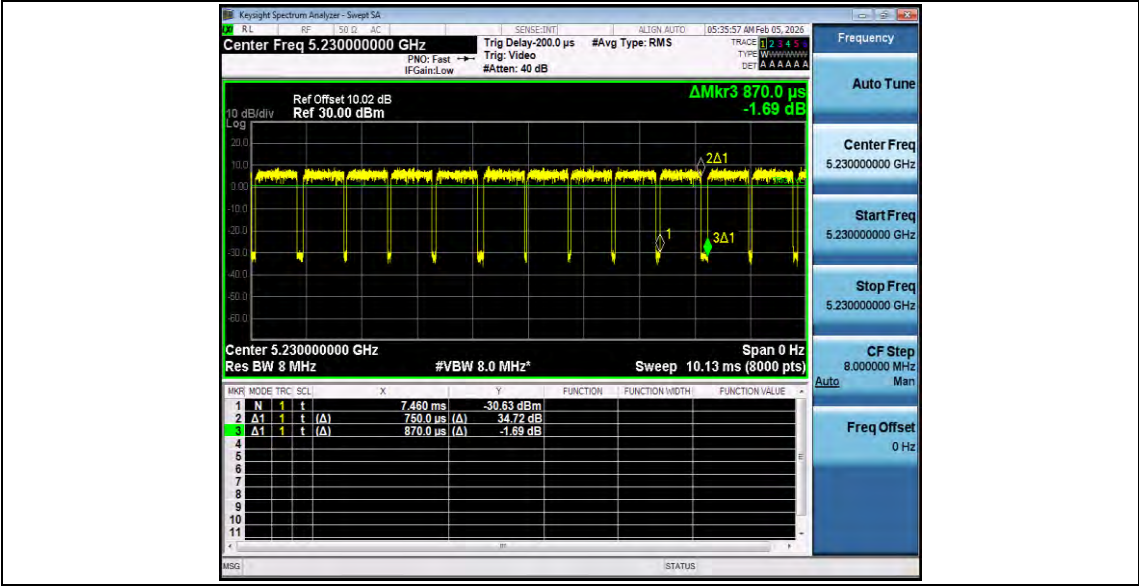
11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200







Appendix D.4: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Freq (MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	12.94	92.69	0.33	13.27	≤23.98	PASS
		5200	12.89	93.12	0.31	13.20	≤23.98	PASS
		5240	13.04	92.69	0.33	13.37	≤23.98	PASS
11N20SISO	Ant1	5180	12.45	91.30	0.40	12.85	≤23.98	PASS
		5200	12.71	91.30	0.40	13.11	≤23.98	PASS
		5240	12.70	92.65	0.33	13.03	≤23.98	PASS
11N40SISO	Ant1	5190	11.67	83.78	0.77	12.44	≤23.98	PASS
		5230	12.51	84.68	0.72	13.23	≤23.98	PASS
11AC20SISO	Ant1	5180	12.09	93.60	0.29	12.38	≤23.98	PASS
		5200	12.08	92.68	0.33	12.41	≤23.98	PASS
		5240	12.46	93.14	0.31	12.77	≤23.98	PASS
11AC40SISO	Ant1	5190	11.69	83.78	0.77	12.46	≤23.98	PASS
		5230	12.10	83.78	0.77	12.87	≤23.98	PASS
11AX20SISO	Ant1	5180	12.36	90.12	0.45	12.81	≤23.98	PASS
		5200	12.56	92.41	0.34	12.90	≤23.98	PASS
		5240	12.75	90.68	0.42	13.17	≤23.98	PASS
11AX40SISO	Ant1	5190	11.56	85.06	0.70	12.26	≤23.98	PASS
		5230	12.09	86.21	0.64	12.73	≤23.98	PASS

Appendix D.5: Maximum power spectral density

Test Result

TestMode	Antenna	Freq(MHz)	Result [dBm/MHz]	Limit[dBm/MHz]	Verdict
11A	Ant1	5180	1.76	≤11.00	PASS
		5200	1.87	≤11.00	PASS
		5240	2.00	≤11.00	PASS
11N20SISO	Ant1	5180	1.06	≤11.00	PASS
		5200	1.57	≤11.00	PASS
		5240	1.38	≤11.00	PASS
11N40SISO	Ant1	5190	-2.30	≤11.00	PASS
		5230	-1.90	≤11.00	PASS
11AC20SISO	Ant1	5180	0.87	≤11.00	PASS
		5200	0.84	≤11.00	PASS
		5240	1.24	≤11.00	PASS
11AC40SISO	Ant1	5190	-2.31	≤11.00	PASS
		5230	-1.88	≤11.00	PASS
11AX20SISO	Ant1	5180	1.03	≤11.00	PASS
		5200	0.95	≤11.00	PASS
		5240	1.42	≤11.00	PASS
11AX40SISO	Ant1	5190	-2.53	≤11.00	PASS
		5230	-2.23	≤11.00	PASS

Note: 1.The Result and Limit Unit is dBm/500 kHz in the band 5.725–5.85 GHz.

2.The Duty Cycle Factorand RBW Factoriscompensatedinthegraph.

Test Graphs

11A_Ant1_5180



11A_Ant1_5200



11A_Ant1_5240



11N20SISO_Ant1_5180



11N20SISO_Ant1_5200



11N20SISO_Ant1_5240



11N40SISO_Ant1_5190



11N40SISO_Ant1_5230



11AC20SISO_Ant1_5180



11AC20SISO_Ant1_5200



11AC20SISO_Ant1_5240



11AC40SISO_Ant1_5190



11AC40SISO_Ant1_5230



11AX20SISO_Ant1_5180



11AX20SISO_Ant1_5200



11AX20SISO_Ant1_5240



11AX40SISO_Ant1_5190



11AX40SISO_Ant1_5230

